

**Press Release (26.9.2012)**

**Council of Scientific & Industrial Research**

**CSIR - Central Institute of Medicinal and Aromatic Plants, Lucknow,**

**CSIR - Central Institute of Mining and Fuel Research, Dhanbad,**

**CSIR - Institute of Genomics and Integrative Biology, Delhi,**

**CSIR -North East Institute of Science & Technology, Jorhat and**

**CSIR - Central Glass and Ceramic Research Institute, Kolkata**

**Win**

**CSIR Technology Awards 2012**

Hon'ble Minister S&T and Earth Sciences and Vice President, CSIR, Shri Vayalar Ravi today, on the occasion of CSIR Foundation Day, gave away CSIR Technology Award 2012. These awards are in the category of: Life Sciences (to CSIR - Central Institute of Medicinal and Aromatic Plants, Lucknow); Physical Sciences including Engineering (to CSIR - Central Institute of Mining and Fuel Research, Dhanbad); Innovation (to CSIR - Institute of Genomics and Integrative Biology, Delhi); Business Development & Technology Marketing (to CSIR -North East Institute of Science & Technology, Jorhat); and Most Significant CSIR Technology of the Five Year Plan Period (to CSIR - Central Glass and Ceramic Research Institute, Kolkata).

**CSIR - Central Institute of Medicinal and Aromatic Plants** has won the award for development and commercialization of anti-malarial drug plant *Artemisia annua* technology package facilitating industrial growth, societal health and rural prosperity. A unique Pharma-Farm value chain linkage in Public-Private Partnership (PPP) mode through 'CSIR-CIMAP Biovillage' approach was established resulting in not only enhancement and self reliance of drug production for the deadly malaria but also enhancement of the farmers income.

**CSIR - Central Institute of Mining and Fuel Research** has won the award for developing non-nitroglycerine based explosive-cord system suitable for use in blasting gallery method in underground coal mines. The explosive system developed is first of its kind. So far the only non-nitro-glycerine based explosive-cord system recommended for use in Blasting Gallery method in underground coal mines by the Directorate General of Mines Safety (DGMS).

**CSIR - Institute of Genomics and Integrative Biology** has won the award for developing Biochemical Oxygen Demand (BOD) Biosensor. The developed BOD Biosensor provides quick and precise estimation of pollution load of waste water. It helps in conducting desired study in just 2 hours as against 3-5 days in conventional methods. The developed technology has been transferred to M/s Forbes Marshall Pvt. Ltd, Pune for commercialization.

**CSIR - North East Institute of Science & Technology** has won the award for significantly enhancing the business and markets for their knowledge base by reaching out to people in the rural and tribal areas of North East Region.

**CSIR - Central Glass and Ceramic Research Institute** has won the award for developing completely packaged commercial grade C-Band Erbium-Doped Fiber Amplifier (EDFA) for CATV and Telecom Networks. The developed product has found place in India and US markets.

Given annually, CSIR Technology Awards were instituted in 1990 with a view to foster and encourage in-house multidisciplinary team efforts and external interaction for technology development, transfer, marketing and commercialization. Each of the given award carries a cash prize of Rs. 2 lakh except the award for the “Most Significant CSIR Technology of the Five Year Plan Period” which has a cash prize of Rs. 5 lakh. Besides, a plaque and a citation are also given to the awardees.